

WPI / Thomson

AN - 1989-304343 [42]
A - [001] 014 04- 040 05- 055 056 080 117 122 139 141 149 150 180 185 186
226 247 252 253 259 305 329 364 365 445 477 525 526 534 541 546 575
577 611 624 62- 641 681 688 720
AP - JP19880047906 19880301; [Previous Publ JP1224307 A 000000000]
CN - R01852-M R07984-M R18648-M R18649-M R18650-M R08124-M R11595-M
R15679-M R16478-M R18651-M
CPY - SUMO
DC - A97 C03
DCR - [1] 100648 CMP; 109401 CMP; 129798 REM; 131652 REM; 131663 REM; 134133
CMP; 134134 CMP; 135415 USE; 155088 CMP; 190216 CMP; 190217 CMP; 22640
CMP; 63 REM; 7 REM; 80 REM; 9 REM; 90356 CMP USE; 90727 CMP
DR - 1852-U 1877-U
DW - 198942; 199715
IN - KAWADA H; KOHAMA T; MAEDA R; MINAGAWA F; SHINJO G; TSUDA S
KS - 0218 0231 0304 1093 1276 1282 1284 1286 1294 1517 1731 1974 1982 1989
2208 2237 2266 2321 2597 2599 2640 2673 2675 2729 2763 2847 3262
LNKA- 1989-134710
M1 - [04] M423 M431 M782 M903 P001 P341 R033 V400 V404
- [05] M423 M431 M782 M903 M904 M910 P001 P341 R033 V0 V711; R01852-M
M2 - [01] H5 H581 H7 H724 H8 J0 J011 J2 J271 M210 M211 M213 M232 M272 M282
M316 M321 M333 M342 M381 M391 M416 M431 M782 M903 M904 P001 P341 P350
P351 R033; R07984-M
- [02] F012 F013 F017 F100 G010 G013 G100 H5 H541 H542 H721 H8 K840 M121
M141 M210 M211 M212 M240 M263 M281 M283 M312 M313 M315 M321 M331 M332
M333 M342 M373 M383 M391 M413 M414 M431 M510 M520 M521 M531 M532 M540
M782 M903 M904 P351 R033; R18648-M R18649-M R18650-M
- [03] F012 F013 F015 F431 G011 G013 G014 G017 G018 G100 H521 H541 H6
H601 H602 H608 H609 H621 H641 H643 H684 H685 H689 K0 L4 L431 L5 L532
L941 M123 M141 M280 M311 M312 M320 M321 M332 M344 M353 M362 M391 M413
M414 M431 M510 M520 M521 M532 M540 M782 M903 M904 P617 R033; R08124-M
R11595-M R15679-M R16478-M R18651-M
MC - A03-A05 A12-D A12-W04C A12-W05 C04-A07D2 C04-C02A C07-A02 C10-A07
C10-A13D C10-G02 C12-M11E C12-N02 C12-N03
PA - (SUMO) SUMITOMO CHEM IND KK
PN - JP1224307 A 19890907 DW198942
JP2588923B2 B2 19970312 DW199715
PR - JP19880047906 19880301
XIC - A01N-025/10; A01N-025/26; A01N-025/28; A01N-025/34; A01N-035/00;
A01N-035/10; A01N-037/06; A01N-043/34; A01N-043/40; A01N-047/10;
A01N-047/12; A01N-047/28; A01N-047/34; A01N-047/36
AB - Toxic bait compsn. for insect pests contains insect juvenile hormone
and/or chitin formation inhibitor in microcapsules, crystalline
cellulose and cereal powder. Compsn. pref. contains 0.01-2.0wt.% of
insect growth inhibitor, 20.0-60.0wt.% of crystalline cellulose and
10.0-80.0wt.% of cereal powder. Pref. sugar content is 1.0-40.0wt.%
based on total amt. Pref. compsn. is in form of tablets. Insect pests
are esp. Blattidae, Formicidae, Anobiidae, Tenebrionidae, and
Cucujidae.
Pref. insect juvenile hormones, e.g., methoprene, S-21149, S-21150,
and R-20458 and chitin formation inhibitors, e.g., diflubenzuron, BAY

SIR-8514, CME-134, CGA-112913, and XRD-473 were enclosed in microcapsules to stabilise their effects and are prepd. with e.g., formalin urea resin, polystyrene, polybutadiene, agar, cellulose deriv., starch deriv., polyurea, epoxy resin, and polysulphonamide. Sugar, e.g., sucrose, glucose, lactose, crude sugar, is used at rates of 1.0-40.0wt.%. Other additives, e.g., stabilisers, antioxidants, colouring agents, vegetable oils, and flavouring agents may be added.

- USE/ADVANTAGE :

Compsn. is effective against domestic insect pests without harming humans.

In an example, pyripropoxyphene was encapsulated in polyurethane 0.05%, crystalline cellulose 30.0%, dehydroacetic acid 0.1% were mixed with sugar, 1.0-40.0% and potato starch 29.85-68.85% and prepd. to tablets. The tablets inhibited emergence of cockroach over 80% after 10 days storage at 50 deg.C.

ICAI- A01N25/10; A01N25/28; A01N25/34; A01N35/10; A01N37/06; A01N43/40; A01N47/12; A01N47/34; A01N47/36

ICCI- A01N25/10; A01N25/26; A01N25/34; A01N35/00; A01N37/06; A01N43/34; A01N47/10; A01N47/28

INW - KAWADA H; KOHAMA T; MAEDA K; MINAGAWA P; SHINJO G; TSUDA S

IW - TOXIC BAIT ELIMINATE INSECT PEST CONTAIN JUVENILE HORMONE CHITIN FORMATION INHIBIT MICROCAPSULE CRYSTAL CELLULOSE CEREAL POWDER

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NC - 1

NPN - 2

OPD - 1988-03-01

PAW - (SUMO) SUMITOMO CHEM IND KK

PD - 1989-09-07

RRL - 00012

TI - Toxic bait for elimination of insect pests - contains insect juvenile hormone and/or chitin formation inhibitor in microcapsules crystalline cellulose and cereal powder